

Landing Drill Site Permit Stipulations

1. A sign will be displayed at the gate stating the well number, the name and number of the operator, the emergency 911 number, and the telephone numbers of two contacts.
2. Prior to permitting, Chesapeake will report to the City the pre-drilling ambient noise level and will agree not to create any noise which causes the exterior noise level to exceed the ambient noise level by more than 5dBA during daytime hours, 3dBA during nighttime hours, and 7dBA during fracing operations. A 24-hour pre-drilling sound level survey was performed at the Landing Drill Site from March 25 to 26, 2008. On-site noise monitors recorded the ambient noise level and established a 24-hour average sound level at 59.9 dBA. During drilling, the allowable nighttime sound level is 62.9 dBA and the allowable daytime sound level is 64.9 dBA. Fracing operations shall not exceed a 66.9 dBA noise level.
3. Chesapeake will enter into an Agreement with the City to lease a water meter, hook it up to a nearby fire hydrant, and purchase approximately four million gallons of water per well. The Landing Drill Site is approved for two water meters with different maximum flow rates for each meter, depending upon the hydrant location, as shown on Exhibit H. The hydrant flow rates are 800 and 780 gallons per minute, respectively.
4. Transportation access to the Landing Drill Site will be from the signalized intersection of Interstate 20 Highway and Matlock Road, travel south on Matlock Road to Bardin Road, and then travel east along Bardin Road. At the end of Bardin Road is the existing site access road that utilizes the Right-of-Way (ROW) for future South Center Street. The I-20 and Matlock Road intersection is utilized for the Stoner, Landing, Cornerstone, and Matlock Yu Drill Sites. Matlock Road is a Major Arterial and designated commercial delivery route with 52,873 average trips per day. Due to these counted traffic numbers, drill site traffic is prohibited at this intersection between the hours of 4 p.m. until 6 p.m., Monday through Friday.
5. Landscaping and irrigation shall be provided as identified in the approved zoning and/or specific use permit (SUP). The approved SUP does not indicate that any landscaping shall be provided at this site. However, the existing tree mass that was left undisturbed during padsite construction and drilling of the initial wells is anticipated to remain intact during drilling, fracing, and production of any additional wells.